Amendments to the Specification:

Please amend the paragraph beginning on page 6, line 4 and ending on page 6, line 14 with the following amended paragraph:

The digital signal processor 220 includes first and second serial-to-parallel converters (not shown) 225 and 226 for converting the CDMA signals outputted from the digital combiner 210 into parallel signals, first and second phase equalizers 221 and 222 for compensating the phases of the CDMA signals outputted from the first and second serial-to-parallel converters, and third and fourth FIR filters 223 and 224 for filtering the digital DCMA signals whose phases were compensated with a predetermined sampling frequency (4.9152Mhz) and outputting digital base-band CDMA signals each of which has a data rate twice that of the digital CDMA signal inputted to each FIR filter. Here, each of the fist and second phase equalizers 221 and 222 is configured to an IIR (infinite impulse response) filter, and each of the third and fourth FIR filters 223 and 224 is configured to an FIR filter having the equal ripple shape.

Please amended the paragraph beginning on page 7, line 4 and ending on page 7, line 13 with the following amended paragraph:

The CDMA base station 200 direct-spectrum-spreads a CDMA signal having a predetermined rate, outputted from a vocoder (not shown) into digital base-band signals of 1.2288Mcps by sectors (I,Q) a sends them to the digital combiner 210 through the I-channel

and Q-channel. The digital combiner 210 sums up the CDMA signals outputted from the plural base station modems by the sectors, and transmits them to the digital signal processor 220 in the form of serial bit stream. First and second SPCs (not shown) 225 and 226 of the digital signals processor 220 converts the base-band CDMA signals outputted from the digital combiner 210, that is, serial data bit streams each of which has the data rate of 19.608Msps into parallel data having the data rate of 2.4576Msps.

Please replace the paragraph beginning on page 8, line 2 and ending on page 8, line 12 with the following amended paragraph:

FIGS. 3 and 4 illustrate the impulse response and frequency response of the third and fourth FIR filters 223and 224 223 and 224. As shown in FIGS 3 and 4, each of the third and fourth FIR filters 223 and 224 is configured of a low pass filter having a total of 26 taps, that is less than that of the taps of an FIR filter, defined by IS-95, by 22. Here, the maximum frequency of the passband is 590Khz and the ripple thereof is 1.5dB. The minimum frequency of the support band is 980Khz and the maximum attenuation thereof is 60dB. Accordingly, the image component and frequency component a5re depart from the center of the base-band by 4.9152Mhz or more by the FIR filtering so that the image component and frequency component can prevent unnecessary signal components from being generated when the signals are converted into analog RF CDMA signals.